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AVIATION

ON October 19, 12

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Then France to Adverture, Plant Meeting AVLSINGS

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Airplanes For Sale

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General Construction of this special offer (crigically limited to June, July and August) permits us to extend 2 used further nation.

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VOL. XIX. NO.

CONTENTS

AVIATION

Auch weekers 28 cents Copprophi 1828, by the Genture Publishing Company.

SCINTILLA

AIRCRAFT MAGNETO

Contractors to U. S. Navy

Scintilla Magneto Company, Inc.

Offices and Factory-Sidney, New York

Flor Fritze in Alternative Plans Market 47 (Flory

October 19, 1905

call of years. A work resolution Witchesof Elem.

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Winter and Summer Flying

WARRANTY GUARANTEE

Wright 200 H.P. Aircooled Engines OFFER THE FOLLOWING ADVANTAGES to Air Mail Bidders

Out the first cost of thoses The first over of mal planes including new Wright Workshad J4 2004P changes as along helf the precing although contracting the processor products of the P. D. Dage for made planes and planes.

Reduce quantity of planer and space engines required

The mail please must be ready to have an achebde ann. The cure second time is above, in most only as hope to change a phagin or grind a wive in a

ay hope to change a principle or grind a rate; in a Windowski. Severing baseing said other part is type-posttomerby as for The menhants can do absent any not required between your and Wintow Taking Impres Name Base.

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Web Whitheind courses your problems are our prob less. The Weight Co. con only grow to re-move proves. We will be at earliers a vigiliz-

ATE MAIL RECORDS of Press for Endown 63, which counts alreafed personations, preser career and full date for these

WRIGHT AFRONAUTICAL CORPORATION, PATERSON, N. I.

I. D Games

Euro D. Conces L. D. Worts

AVIATION

The New York Air Recor the Arrow and the Novy will been to fight to prises the

FILEDEE who take a knee interest in following the development of extract your by your found much to interest them at the 1825 year most. The great advance made in de-

The Schneider Con Reco

TENER School on Con Base to about to enter more its entitle Asserting waters for the first time in its booky and this accesses at Bulkinger on Oct. 55, in destrood to prove one. he appropriate Owen, Eastend, in 1823, the vace was of cody a different

to we the era, Lectional Rittenhouse for subbusher the favly different wage had been fitted to the same arphase Perfish employee to posse of speed. This, however, in not The Curtan Enters, emipped with twin fosts, will not, of constant he searchest poor on fact as the same observ when down as lead expelsion in the Pullbar Rees, but that they will funders market, which have already arrived in this country

mercuse, the British St monopleas is hirdy to prove one of much in expected. the nexchibits of one of the stoors contests

The Value of Air Races N contract to the air mass hold at Market World the York

Sabababily Tear has been striking to its remanufable for Mitchel Field, quite spert from the nikkery types, were delobdity is operation is by for the most important factor and

queted in the ene of the Messary Jr, such sirpless. This healfilly Toux had an exepution of the plane which flow in The question, therefore, arises as to which of the two version of the same design, to the meet saturfletory for the purpose for which the sirplene was solutedly introded. The with the transportmental six card runts. With its normal the purpose for which it was extended, but it is extensible the extrase tuberest in this year's recen is womaped up to the . According whether the modified example, a design encouraged parely by racing, would be sarthing like so useful, concernal. refields, and safe as the normal plane, even though its speed appearances, they are expelled of very high speeds and, that would undoubtedly be excepted.

Seen Through the Bayonets

THE Commercial Elevats of the Air Brans, bull symmily record of the two notions. A lody who leaves nothing shoot for the benefit of "Canor" James, West non-set along the secondary and the secondary of the secon for the brack of "Casey" Joses, was our of Tragades. At first it was decided to hold those in the it was monthed out that the soldiers on good at Wichel Publi hadn't been given an apportunity to 'stack beyonds into executive since little and that they would be believe disappointed ever had no on council that whomever a middler approached I'd has a boss able to get some dops on the reces only the soldiers and to observe the and I tay nothing. All I know 1550's. If I'd here able to refuel showing flight, it works

For all tages and winners in these races, on other reports

not that similate people nere blown right back into the When we get to Matchel Field Marshay we found that the Corne Estin, or the Avery Curiou Recov made 265 90 m p.h., There is no double that the Army Mason and the Newy Mason and both received reside better excels. A strong tried arrow

a higger expression on me time dad the cours. When the The 1995 Air Races were held uninty in the liable of the the traveling publish needs. If he has, his sindy is no vie titles director systems as so the first day of the river. I extended a heavest moving of the N.A.A., I feel any that a libiture of safering has been faily resoluted not. Evolut

as Generally Wilson where they compler they are doing you because helt and hexal the speeches, thus notice see prices or no no neithboth for mather. A Princip officer with a building They these was a little observance of two American cate mobiles which was much approximated. All this time the andrews are ground heavy and leaver. May after ness meeting that lasted until 5 a. ry. 2 believe someone was

The Events of the New York Air Races

Ten Contests Floren Successfully

PAGE New York Age Sterry ware held at Mildel Page. Long Island, beganning on Thursday Oct 5 and spiking ewing to delays smared by severy nonther conditions. Onto-New York Bace

Figure a Master Special Highest, of he only constructed, from Seate Masses, Cold., Konarth W. Moster was the On-to-New York race, the preferency recet of the next ferroad place was use by E. L. Rande, also of Childrenia, who few trees Hallywood in the Montes, Milt Managinor Compring meant of he engine which was been prevent then that of the memphase. The logists was encoped test a Curton OCL regard at 100 75 kp., whereas Feedwin plan had a

The rested was determined by the distance flows, find opprete rate, offerent from The priots kurt here of these powersys and these were antified and given to the content Early various to the field unlabed with the greatest interest Louiseast Williams put for the first floor, the Corlins Novy The nir races started with eighte-ere pierces extend as all

The was the Prec-der-All Recy for Two Sector Law Blaza-



The 2025 Curtus Review Trans which man the Pobbow Trophy Plans, ediablished a cust model, count of 200305 selles per hour. Planters Cortics KO deschaping \$1532 kp. The increased horogonary power Amphores, for the Olean B. Corken Treeder. There

To constitly for the reas priots were compelled as for 100 ms. before reaching Milairi Fuld Master several soft Peter Marries as he passenger, and Breaks you recommend to Two places ted in the third place of this count, D. A. Askey and Herbert L Nindred, such moving 620 1 pones. nesses state Autom, Seev n. Crandom Currier Divis que Kindard find with Igan in a Continu JNVC

Ferrally who was a heigher of the striding distress of the

The medical was by an menu new, having been built to out of does for a counterwise period until this spring it was

The piece was wen by Boad L. Born, in a Thomas Magne E P Lest, to medier Thomas Mont, state in second, and D Rosert, m a Herical PCS, was think Bohert P.

Eved No. 2 strend prompth at wheeled base, 100 p. in , and days trains radius. This was also a free-free-di rest.



The Thomas Mana 54E gail. NS by Assession augine. The

* A.A. Parcel Conf. Commission for New York Numbers Assessment the Coresign storting from the top longerous and extending

ON TO NEW YORK RACE

New York Chapter N.A.A. Trophy



Franci believe of Michel Field during the Air Place. Last in right, M. Jerona Begood. Copt. Polither of Day, M. Lewis Bragant, and
Copt. Month Lemillo, and was the Labora Angion Backers, France.

Weight-Bellimes Second Thomas Marin 64D, and H L. Henskin, in an MR1 remophradelegate, promising of one DHEE, and have OFFE force of

Liberty Engine Builder's Trophy. The rece was won by for a Brownel 19662, as also did Contain every there There were 16 entrante made up to proposestative measure one helps standard Liberty DHAR planes, the News, three

Encirc manufacture. The French War Department entered the To show that comedy also has a place in the sir, as ald 455.57 by he the nortest committee, whereas the Lorentze seatter in 470 cm, amplice was rated at 255 by

The first great independence reasons to the race for the Diberty suggest. This convention of the Liberty is a recent



MERCHANTS ASSOCIATION OF NEW YORK RACE







AVIATION

The Weight-Delinear disease ratios plane. The annulules award from of conductor underspringly saids in very alass and relax construction are of first from the first fir

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was first place in the speed section with 128 6 ps. v. k. for the

course was 1925 may a and Berbart 1820 map it. The sea 1824, with Arrangement 1920 seques and Warqie Oklaica with 44 major requestred;
The officiamy with 44 major requestred;
The officiamy into 4 the mars which was by for the measurement continuing that we will now of the new simplified relations with the office most, married to the Wardield-Steiner and property most, which we have been as found content per forming out good, the Berlinsen plane and a content per forming and good, the Berlinsen plane and no on controllable preference of good to the Delinsen plane and no on controllable preference.

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Anchor was of the Different place. With 200 by this place has a top spend of 150 mp.h.



 Γ 4 A. Botte K and Mr. F. P. Brisker who does to the An Steven

Debard H. Depen, Stantoy & St.-A. 302.0 ponts. William McMcMer, Durton Grack, 355 6 points C. A. Wors, Ireland Comet, 300 points Mede A Maltrep, Mayer Oysole, 553.4 polish Built L. Hown fiving the R V A and the found around a the time of section of the content was desputied from the

Deprey, philing the Salanday S-11-A, come retira two Four Dispash fied next of the indexs, due to the reathers. At the error street

part of the judges, due to the mucher. At the given steeds the planue forth the proceed in two digits. For Korlis H. Bergin, printing no Oriole-Schoroley, Russel W. Sungano in on Oriono Fit, Yes La Garasa in a Warn and H. C. Mar-mart in the Niggrary & poiled to go of in the required TiO AVIATION TOWN AND COUNTRY CLUB OF DETROIT TROPHY RACE



Manuscri did not know be was decoulifed. When his named and behaving it rooms for knowed; Indied near the

Haring the first there haps, "Cores" Jesus was spendige named the course of an accrety afte of 19930 to pair. At but "Yangs." With the exception of Bowe he had lapped the the facet live at the end of the righth key while the offices.

The such above race to the ecoded was the bothle for there

the Hase Committee to declare the sport of for the rest of The total des, Setuptor, provid the reverse, there hame o tellhoot one end a clear say right billyer clears factors shout, but the eved not very high.

The high gale mary! the Homostand Pleins and deven like

The Light Plane Efficiency Race The crewl of speciation gonesseed to sullest early on Man-

The fant race of the dry, the hight plane contest for the Surange Assessed Trophy started occupity at 11 a. ra. in was a were allowed for remains to get off the grand offer the strength games of ill made it with the exception of Edward Of the right planes reduced in this exect, two were almost



S lienar Epa

On the first by Tribuy expensesed make tooside and was forced to land on the Sullabory Country Clair well source. He was not bust. He pass the specialors quite a theil at the start, so be had great deficulty getting all the ground and bumped using for a half note before to spattering concer-pant ion sufficest lifting power. It leaded for a musta as-though he would easile, but he family get slock Perhaps the most enteresting light plane in the contest was the Powell "Recen" Do interest was mainly on second of a red light place cogue to he publish autobated in the The Poyell alone was fitted with the well known Busto "Cherah" two cylinder horizoetally appeard engine, trineur a speed of neverte-free rolles per bone. His best lan

was made in 76.25 m.p.b., while Ecucut, side Southed second, and 67.55 m.p.b. with the four syllader Brademon engine E Dormey was third with 50,22 may be which apparently cortested his landforr where the sighth Lan to nonlocate his cell II. C. Manuscri, who figured fourth, was decoulded for forking to turn one of the pylone. He average speed was gives as 45 to u.p.b., a speed which was very appeared due similarity to the Jamess "beliegh" of long year. However, a

towns) form of fundage, of shick and who construction to

The Popul Baser West Amira

The Fored light pleas sortalely reads sween the read toregue, it could some, places it definitely to the class of generately schools for powerful markings. There seemed to is the main problem to be confronted in light plans developdead to the nor and heart the general appearance of a scenar arrains. A slope examination provide this to be the oter, for it is a burdens of profestly normal characteristics only upon a the second service Cirds Brurick flow the Druggs Juleans recordings very well,

JOHN L. MITCHELL TROPHY RACE Distance, 200 Miles ... 25 Lane. Towner's Trees, 44 Mer. 25 5 Kee

SCIENTIFIC AMERICAN AND AERO DIGEST. TROPHIES













The property of the Pola L. Markell Treats Plant. Law to right Lines. Thomas W. Mathiew. Comp. J. Scholger and Alfred J. Lyon

had been altered to a normal open one, for recoving the tresshis propeller hat offer a half-doors state the halicon fluxly Best Access gave the speciation a bugh end a cure, shortly

before the chert of the day's sooning when he flow down the That was the year in which amount Bearing, Charley, Agonts landed the places or front of the Towers stand and remained for a few solution for all to see. It was a striking example of the development of the part follows years to non-

to hery truck of the places on they grized or loss populars regreed by Carries Bill meters.

Copt. 9 E. Tellembert bel of, followed by Electronic Messach, State Live, Northern, McAlacta, Doneles, Stat. Warry and Relaign. The ceases was ten laye of 12, m. Carfee regregit plane, bad all even contrast on kim for twenty minutes during the room large while he greated before the greated he as a first no exhibition of "block" flying as was over tarmen to the Ecot to water the the time point to compare the first log. As will be seen from the times code in the time lased: T. K. Marthews mode 1653 in p.h. on the first log and

helinon systemal in the sky: With the helinon sely folly for an no se the say, he had goest difficulty trying to kneek it with confinmed to make the best speed on every by fairling in

DAYTON DAILY NEWS LIGHT AIRPLANE TROPHY RACE Declares, 65 Main- 69 Logs Women's Time, 62 Nov. 20.2 Res.











the load with an average speed of 160.5 m.p.k. Licotestant

The John L. Middell Youks

The speed of 160 h m h h made in this year's rece does not company frequently with the 173.61 m m h made last year of Dayton by Licut. Corne Betty, but it should be remembered



Publicer Trophy Roce Web the South of the John L. Matchell was, the capital lavax up. This was a very fortunate thing for a led been





the last year the source was four lane of \$5.07 mi such. This year, the spoods made by the Pl flows by Londons Durant of the Art Server new 1895 manh, while that I

AVIATION

economic with high compression Outre type V1480 majores and to be an enacty office or purfernance as it was moreoid The Your please extered, in addition to the Custon Resurnew two Corton Porcetts related by Landrancia Codellor and look and Licotranot Europe respectively. Owing to the reter of its pixous and the psychology of treable recipling



PULITZER TROPHY RACE 200 Educators of Lane Witner's Dury, 25 Min 50.5 Sec. B. A. Prince.

Minister of the Find Partial Cross who does from Subplifes Field as the Air Roses of Methol Field. Let be right, Linds, France. Mention, Most on the State Control of the Control of the Control of the Control of the Control of Control of the Control of the Control of Control of Control of the Control of the Control of Control of Control of the Control of Control of the Control of the Control of Control of the Control of the Control of Control of Control of the Control of the Control of Control of Control of the Control of the Control of Contro

threelfs, perced the Caser's stand and the home pylos, being our and come exceed the entelects of the field, bedrug and dashed off to Can Parise, Chaf. Times.

The Second Heat picets, a P1 and PW1 plotted by Lecutorest Bernon and

making much letter speed than is the order rate Lermenous.

Northe was printing No. 50 at a most 5 may be later than
the speed of which Mathews can the Mindrell Tracky. The

trairs roller around, as compared web the 31.87 mins of the Publish rouns. The former root, therefore, assumitated

belend. The heal seded with Lieuwount Davison Sainburg

camero in third, a few recents below. Lacuterand Dawnen's speed us; 1883 mph and Merbernet Nortes, fiving a Car-ten Persoit, made 186 is mph. The speed difference resul-ting from the different longths of the course of the Heiself.

The Dayton Durly News Light Ampliane Trophy Base was small of your When the avent stayled at our o'dnot, the

seest of the speciation, as the Hierh mackine appeared to have excitent lines and min unit contracted. The Stort

a next laid up in tail while the notes was alling. When the stating flux diopped, the Pewell, force by Jerry Back, our the flux to not a start. He took off often a ren of about to.

A Representative Group of Big Planes Payment to the last up for the mon, the deprices extends new medium were all right by hipheren, extremely clear of the red arrecords lanking. The new Half, Suland hundre The planes oil took off one by one according to number



Lout N. E. Blornen of the Army, is a 20st, Daked, was

Lendenant Schrit energy in second on the Deuglin DT-4 Wright Tild engine, received \$500 in Laberhea. He made 115 13 mgh Lieut K B Wolfe of the army was

A his of the Mobile in the Mubbled Trophy Control

Percil Wen Again

Both Buck and Erarick handled their please around the

gade holizon at the second galon with eve-The Powell memped TLM rep h. for the ten leps, the John-am Emalde like for the the Domain (MSS) and the Ministrict

attends we not but her present should that he reached on

diffuse of 2,000 ft. It took have about 35 may be obline.

affected a small army of photographers experimenty to get

lage were petting slower with the exception of the fast in which his spend for that hap received \$40.00 map 1 or just ander that for his first lay. However, he total time for the Litratement Bette' speed at the and of those large had reached Different Better used at the said or more tips an eventual MLT mp.b., virtually assuring a new closed elected record, until Williams' spend at this log was only 2014 in p.b. At the does of the mos, four logs, Bellin had reached 201975 mp.b. the Publisher Toophy for 2925, but, in doing so, be had not up a new world's must exceed for a closed copyre. On creating the line in the last lay, both took their please high late the good metern of the viction.

The speciation had been experting a slow and thrilling

makes this year the airplanes oil appropriated the know's stand Another very potential feature chouved as the Currier

reduction in room in the year's places, the properlyes making for last room than those of the PWN Will such high

negative of the new Carties Visite and the land

The first lies made by Bellie was in encous of the peace grown) aroungs speed for the cortest, which was 263 ff minh made of it Louis in 1833. Williams' speed was also mp.s. come of it have so know tregment speed was a greater than the average, though by only a small courgin.

The race, eving to the distance which repayated the pinner,

High and Low Lights-New York Air Races

The New York Arr Been will mark the lawest point that

acenced. The speeds that were expected did not maternalise and everyone mound to first descriptional over the showing

A Metter of Arm Bands

outhquises were able to on shem by purking throoms, special expectation of showing them in the public, the top roust know potent a gent disappearance. The expectate mode first at de their work. Even the Editor of Avarrons was not given

(Agirficon) harding has not an yet hore made clear. mediany people bloom the N. A. A. while the efficielt of the

The French Researce Win.

The Liberty Engine Builders' Trophy Base which was wen by Coption Lamenter in the Bennet XIX Bounds proved to be the counting of the next. The wincer's speed was 120.5 mag.b. When it is recoded that the Smatter XOR was resulted Dake the winner made 130.34 mp.h. The finish DCHH due war was reliefed by Li E. E. Mellermills and made a smark At 58 Louis the enqueroon is even more decorping to

ten rules faster than ther year's race. Even a DRAL made \$37.94, two years ago. The COS and a Yasarin COI at St. In secolour for an evolutation, the sid steaded shows the Daughts and cought in the tail bracker wires. But the The COS with the apparent Laborar speam that well would

The civilian please came to great numbers but they were count of the condicat sportnessals; shown by Captains street what please can do woder server conditions.

Another World's Record

The New NAA.

The measurement of the races and the affairs in rescention

Usesily, Arrogery has devoted a whole same to the N.A.A saids the Treesaway's prooft show a surplus such your, was

of the wildow appendice. The agent and release were in

The History of the Pulitzer Races

Showing Speed Increases of Almost 100 Miles Per Hour



CT HE day Subsect Tomby Born was held at Mitchel Fuld.

October 19, 1925

swiret such being full lengths of the Pidginer race which

Lant. C. C. Madey was the mer as a Vervelle-Perhad place, compact with a Peckard meter with an average spend Of fasty-over studen treaty-face found the sees and The served stor for the Publish Tropky was out of Coulta, conto. Other trephtes soled in the Foliager, made that the first has mrand Air Most. The face the phone were not away reperciely and were required to show a speed of 140 mp.h. far entry. Twelve please were entered. This went won in Bert Access in a Carrier-News please of Manuady, third, in a Thomas-Morse, making 186-71 on p.h. Satudi stated the Publish may in 1822 and one it own a distance of 150.34 as Twenty-fire restrict were received In 1923 the room were held at its Louis, bio, and the To 2003 the room were teld at the Loren, two, now were Pulgare Trophy was seen by Loren A J Wiffson in a Curtine-Newy SECI melting SECO map b. Out of his pleases natural in the Pullitary event in 1893 42 Standard and the Last your the Publish Harry were beld in Dayton, Chie

Equipment and Sumply Manfacturers on the 1925 Centies Puliture Rocers

Marrieto, smoke dual system. The Stateshorf-Shebbbarn. Thermometers, Oil and Water, The Moto-Motor Co., Long.

Hand Storter, Certin Acroplane & Matter Co., Inc., Ownion. Presider, Outgo-Esol, Oprior Accolers & Motor Co.,

Beared Freid, T. J. Resea, 17 Adopts Ave., Brooklyn. Totales, Stiets Trucks, Ober Sweden Tube Co., Steffer, Chap, Acry Supply, Mrg. Co., College Peart, N. Y. Darrianne, Land Francisco, and Peoplifer Blacks, Alexa (a) Persister Tules, United States Certriles Co. Levell. Short Reser (\$605 flick) for Wing Bedwines, United Mater Centrals, Terreral Mackage Co., Daring, Okio her, Chang, Carm Co., N. J.
Whoels, Smith & Hadront, Lee, 198 Gwand Ave, Brunklyn
Karan Gd. Talkerty Arra, "Gelf Refining Co., Freit Hilg

was was he Limit H. Id. Mills on a Verydo-Sparry corpliana, suckers 105.72 to p.h. Larent Wordell H. Brookley in a Con-

The removement of speeds made in the five Printeer recen

Broase Garlings, "Hy-Tre-St," Assessed Manganese Burn and Spakes, Dayton Ware Wheel Co., Dayton, Okio Georgian Pilings, National Paul Products Co., Impion, Olio (Arbeiling of Mr. Ecoter) Brunn Wang Point, Ener Brus, 430 W 17th St., New York Street City, N. E., Cheer Versuch, "Valueting & Co., 456 4th Ave. Corn. Rado-Messintared by Wymon-Scribe Co., Wor-

Sportice Cables-North Invalided Wire & Cable Co., Inc., N V C. Ignature Tuber-Kest Kat Tube Products Co., Industryolo, Garburston-Struckery Meter Driven Co., Chengo, H. Magnete-Sphidary Electroni Co., Navani, N. J. Sall Strategy (S.K.F. Substant) Fruct & Eng Ste. Value-The Stort Products Co., Circuland, Give

Plates Riggs. The American Barrered Fision Rose Co., Bearing Harlis-Boks Alexandre & Briss Corp., Detroit, Absorbes Coolings-Aluminum Company of America, Calledor Sicores-The Oten Sevendon Tube Concursor, Guer Fingines-Goscool Bren Perpe Company, Inc., Raf-Darrigmous Verrings-Band, Medica Tool Co., Spring Manuschen Costings-American Magnetium Corp., Ningapi Brown Poles Po Budings-America Brown Cop., Water Paray Facking--Crandal Packing Co., Palagra, Alumento Breux Estradol-American Brus, Westerbury, Copper Ashestos Gusketo-MoCard Radiolor & Mfg. Co., Fiston Rings-Waywood Tool Company, Daltamore, Md. Fiston Rings-Indiana Faston Star Co. Hannelown, Lod.

The Aeronautical Exhibit

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C. Different Control Farrison, Control Band C. E. Differentia, C. D. Control C. D. Control C. D. Control C. D. Control C. D. Communication, C. D. Communicat	Nove Jo. Subtraction	C. S. Chicago Jery Donnello S. G. Barrick Gar Garrick Gar Garrick C. Salarick S. Salarick	Plante In Prices Plante In Prices Laterape S T
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The Schneider Cup Seaplane Race

Three Nations to Compete for Seasbase Speed Honors

The Nevy Personnel Lant. Conde. II C. Wale, U.S.N., Commanding Others of the North Air Statum, Associate, D.C. the affect or charge

the Yearly in 1974, it being exceeded because of the link The Navy cattern or this case will be the Carten ESCS more Some by Lt. Al. Wellman in the Publish Traying more and the third ECC years, which was used in the medianenty seek An Irish had unumer the MNCS, on a neeplear, made a unstall

October 19, 1925







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Two name of the Marchi 33 rooms dains heat representing help in The Advancer Can Rose. and our woo he for lader not price being a us on he con force lost, even the force lost, even the force lost, even the first part lost, even the first part lost, even the first part lost, even the first lost in 10 min. 25 mer, at an arrange speed of 17 to 10 min. to (107 to ph.)



A Front Pitter of the Birtish Glorier Names AV

October 19, 1925



The 1993 were beving been use by a Brette's pelot, the 1903 A Perron challenger had been built for the 1824 Schneider elered the \$104 race of

H. C. Barrd, who is printing the Supermarks in Bultimore Nupler III, a biplane, also of the two fort class. Buts will A good once is expected, expecutly as very fac upoed per-Now Type of "Jensy"

The Repair Shape at the Prinfield Are Setemphists Dept. Metal such, of a new dropp, have been coulded for the no good to the Engineering Department are Linute C. C.



H. M. Annet Cover Yester". British Lates Armet Covin Creeks of Physioli-

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		FORD TOUR E	NTRANTS					Byt 11	Ass	Sept 41	figt 17	696.0	-	
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L G Yes	Personal Intelligence					
		Broden, Altoines Co.	Control (SE)			
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N By C Signs Laby Spend The Montes 4 Passenger Monsplane one the been in steep from and the external water is taken

The metapolate is a fiver piece open rackets, side by sub-

A promonent feature of the amplican to the full vision, surper column; 17/00 ft. in deathering the drops account A Carifferer Wing

The NEW B & commentioner type, using the Giftrager 357 were section and in heift in one pave, both bears, contening clear terrange are wang agent 100 them you are com-emptivative, sprace cope and physical siding, giving full amplifung riverget. The other are tenz-built up, and the profile is not not of plywood and a trans built as all plywood prints I die on arps, of \$5 to by \$5 to sah, rue clear annual the cole on each sale. Physical is figured properly to

The Montes Managhan a slightly modeled assemble of solutional

The Monte Messaless, strains sta institlence of the SCAT-Lan LA and covered all over with love. The entire cauches in Mooffice or fed exchan-



Mechanism of the Savage-Browner, April Stall Genr.

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The New Air Mail Contracts Eight New Air Mail Contracts Awarded

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drighed among five different operating component and are medicite points sage to Birgingham, Ala., and the Department or not pre-

The accessful bolders on the five reason, together with the Button in New York on Hartford-The mountal bidder Better O. New York von Handystel-The measurable binder for Colonial Air Sines, Lee Surguighted, Oren: 1, 1 and 1, 1 and

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of Sun Prension, Calif.

Need for Reliability In making the armeds, Postmader Gazani New made the "The awarding of contracts this day for the corresp of the seed by ner tenaport ever five yeater in videly expended to Dec. 5

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Another Boute to be Owened. proposals for the spensters of a confuse arr and route between Change, It, via LaCrame, Wit, to St. Peal and compo, remainpule route for the reason that the forms submitted by the bidders—the National Air Transport, Ire-of Channes and the Hennal Airs are tensors, Inc. of New The Description, therefore, is respectively, with the added year when the daylight house are denter, the scholate may His to Peops-The recounted hidder is Walter T. Verrey Bills for this route will be assepted by the Department up-The Designator General also assumed today that new cam was no walted for on the perposes nor man 1903 terrior. Change, III, to Businghou, Ma, by way of Indianapoto, Leurytie, Kr., and Nutrille, Terr. There was no

wife the this reads will be proposed by the Depostment up-

Latest Beowning Machine Gun Fires Two Ounce Bullet Five Miles PTER a date, provid by hear weeker, the tests of the privat the development of the six service, either grays, pury

A new Brinning 50 and elected machine gue took place 4. That and arrand; cans, pretended the three-such much the observers meledad Admiral C. F. Haghes of Wesh-region, Major Den Fernik W. Coo, Chief of Cased Avidiny, proved to be more effective than had been expected by ad-recasts of the authorizenth artificers. The Court Artiflety Corpe this resenter bary been alleyed Under these emolitions now meetly have been made by which on emoracy for ground than the reported, protested,

my for the pest four months, in conjunction with the Army Ag Service. Details of like

Bettery E. under the command of Goot Kransi E. Peres. target was put cut at allikules of from 1,000 to 1,000 ft

In his stagement Major General Report percent the aspnery from Mitchel Field who had been coffer as the Panette

is toward the targets. "They have performed very ardison. artiflery has worked long and hard and has accomplished the of Coost Ariffery and others to high authority." I It has been shown that for humbers fring straigh nd and not to execut \$1000 Ct. of Shade, a marking eye, hathery pd and not to exceed 5,000 ft. column, A market gon harroy of early must can probably sound on at lout one wild be 2. That the excellent afficient

That while artistieveds due not course a motive or faces observation places to allytedra two high to effectively 5. That there should be and can be close cooperation and

Courtesies to Visiting Aviators here incapended the policy of extending all penaltic sour-teres to vertice avistors. The Charakess of Commerce of

The seed much by the Chamber of Commerce of Little Rack content the federated introduction on the round page

in these sum to build up no adequate National Air Endones "The horgitality of the people of fieth Ruch, Arbaness, in extended to all evisions." Hobbers of the gard are given special rates at the Marion LaFarone, New Merchants, Caprial and Stumon botche, free descring, boating, respecting and golf may be induled to, to the EMCA, with an greatment and company property and to the various civils cities of the sity.

The selectables on the cond would be the Nucleons "The best of Highlorns is in the presiden and mone-"The beart of munnings is in the presents. The outline agreement of the United States Air Service. The outline existentially holds the biglight propert for the officers and ev-

dense of the hospitanty at her people."

Special rates are given at the fierous, Turner, Huber,
Mantager, Plana and Politamers Hends, a twenty per neel
denouse from Stell police at the Purities and Qualar Cadits. A Stern Bench , to the Societies of the Y M. C. A. and to all At R. Jacob, Ma. the visiting artistor is given from sector corrients of the St Joseph Country Club, Highlands fold Circh and Eler Club. Special vates are given by the Sub-

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and respectful applications to begin, respect

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Selection of the first step -If the photo negative he collect

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Reception of Parties. of mateliar rabben. It is regreat paramathrough the robben is

Wire Service Double Porpose If will be seen that the quick work method of serial photography directoped by the Air Service fits an perfectly with the American Telephone and Telephone switted of Innounttime

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Used in Transport Work By have been to those win real to either the place for trees.

Wars for over ordered by the company and or and armen is the prompts favor this full insights the Ford Debalday

Boston-New York Air Mail Corporation

The purpose is to operate next year on everying said and The schools calls for places herring Boston at T ureceive Electifical, Cons., at 5 and headour at Hadley Field. aveidents. Sherman M. Farrhild, president of the Papelpid

Air Mail Staye at Omsha ingins have been numerous by consister terrors manner.
Finding that location of the hendquarters in Ounted was a
"contrate," the Personnius General decaded to move at in-

"It would not be permissible," said McCorl. "to travale

At the Post Office Department if was said that McCarl's. decision not no end temperatury at least, to effects to secre-

How the department found it had been a mistake to place without interruption with Oct 1, 1905, when, in the neturn

Thinks Step Advisable "There ear he no querion is my spraion as to the adviswhite of brusing the offer back to benfourters have to

no ha to half-or no pass this partnerson month with your presentable. Bristol Light-plane Engines at Munich

Chrob rique. The company paints out that at every foreign married degler. The read have been about about 5 filed make development of the ergine by Boy Pedden, the designer, head on the receipton extend at the Lumpus Scale in 1803.

Oneder 19, 1925

LIGHT PLANES AND GLIDERS Edited by Edward T. Allen

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I would like to cak a question which I find no meson of asserting for regard from acquirelessor or from backs as

the lift by unking the Mass (which steem to the first power There are several options and reports designs with reduced



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The Daniele LSI Epholose which was first in Clear A or the Corner Danibles doubling the open, of the various remove compact. Or, until

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The Mid-West Airman Corporation has been appenated an shadour Chicago and Cook county, Officents of the local company recently concluded a contract with the Advance

Four army Deliterdand planes from Change Field,

Mo., where they were to make a two day step, before going so to Ft. Learneyworks and Fart Biler, Not. In the observin the Ford Bolishidey Your stepped there. Nine lord sir

Hampel, annabled radio registers, who is in obergs of the work. The infield work has been protocosted a theore and

The first stage of the yells bearen work at the Au Mor-

Development Field has been completed, according to Cost

THE ADVANCE AIRCRAFT CO. - Troy, Ohio Then Fritzer to Administra, Planta Manton, 481,4770N

ct exec. The original bettern transmitter was operated on 107 and $1050\ \mathrm{m}$

The Mil-West company recently purchased a New Sentlow

Levingsion took delivery of the plane at Derver and flow it Opening of New Flying Field at Irrington, Va.

THE WACO NINE



THE PRODUCTION OF MACULIE THE LABORIT PRODUCTION OF COMMERCIAL ADPLIANCE IN AMERICA

October 19, 1925 Dr R. C. Droma

The week of Sout 26 was rather a notice week at St

tel curies out about tiber dux could get on their race

The Relevance Assemble Corp as assembling the Greeke and 1987s, for the used contract. They are certainly becaused

is one very excellent Ornile but which does neithern but ever

Three Toront Aire and one Local visited the field during

This Sundry, the writer, with Don Boherines, went over in

From Steamer to Share by Plane Livet Col. W. A. Biolog, the Countries not, who was

first person to be landed to simplese from a stream orusing to New York. Latest Dil History street in Yew York on the Segugares to attend the Air Boars He was not all Courseling to Coat Edite Helenbacker, the Arangem was

Lest Sunday See Lickly took &! Mone over the old for

taken to Oley Core, I. I, where he is slaying at the town

The Borby Air Port Co., which controls the Tompelkole

Air Server, is moler uncorn of representation. Under the

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and a very different alreadybare prevented than at \$2 Lonio

Monory Jr and Young Arm, own spence take off nor the Meyery Jr. out alongside the Perl plane. It body

Conscientionaly Observing Sabbath

Heat made the flights to solverine healthing lots on well

French Flice Hold by Germana

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The Wannesder Store is also studeing the possibility of

San Diego News

The favorers of the Brent Arrive step to hubbling a glider run between Lor Angeles and then Theps as a regular netwide during the causey means. It is removed that the plane will corry towice passengers and that a holler based will be access

Tekyo-Paris On Sopt 26, Major Abd and Mr Kowash, who was fiving

On Sept 25 they agrired at Le Bogueit, knyton from from

Julyo Link year Felloware in flow Flantary --July 25, Tekno-Ouska, 456 kms , 27, Ossko-Teodorre,

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United States Air Forces

U.S. ARMY AIR SERVICE

Summer Tenining Activities at Maxwell Field moral direc on Age 51. Each organization rendered the property that the 1935 course here for held over held of vision ficars. The rates of developed in all in training was HOTC Nudest, 168 to., 25 son., Rosens Officer., 4139 The National Guard regardence of Kremerous and Aleberta

Assial Mans of Prepared National Parks.

A section of expronuentely 1100 ag at its the library fields.

Meantains of Vergins, commonly from Front Bornl to Wayneshers, is being protographed by Land C L Wilson and Staff Seagh, J. J. Bernhell of the Sed Photo Section. and ment ment. J. J. Darutel of the met Phila Section, stalmoud at Langiny Field, Vo. In addition in the above photographic more in Yanginia, arried graps will be constructed was to house to a successful occurrence in the near future. The film after being expend is shipped by Limitsacot Well-laum in the Bod Photo Section where it is developed, printed The nack to and ever the Rine Higher Mognitions in bemove wardy delayed while Londonson Williams and Staff Bergman suspicifies of the propert in the Size Miller Meastern. caption and everted of their plane from Krauvilly. Time . on the afternoon of Sept. 13, after a poore fight in a De-Have lead over a distance of some \$50 mg in 4 hr 75 mg would file and otherwise completing the product into the



in the air

At any manner a slight serer in congruence on incomments on of the world. That is may succeed shot their maps to carefully below cush figits. They plan their ecouse at thes, or county on possible, they are dayer width coats of a star when a Dans Millery Many for all fries street, every may then become the bonds of Rance McNeury & Coursery in to

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